



250 NORTH WOLFEB ROAD, SUNNYVALE CA 94085

TEL: 408.737.7200 FAX 408-737-8067

RECEIVED  
CENTRAL FAX CENTER

JAN 20 2006

## FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Mail Stop Issue Rec	Morgan Malino 408-737-7200 @114
COMPANY:	DATE:
PTO	JANUARY 20, 2006
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
571-273-8300	3
PHONE NUMBER:	RE:
703-308-4357	See Below

☐ URGENT    ☐ FOR REVIEW    ☐ PLEASE COMMENT    ☐ PLEASE REPLY    ☐ PLEASE RECYCLE

## NOTES/COMMENTS:

Docket #	P020.03.AB	By:	MEM	Faxing Date	January 20, 2006
Ser. No:	10/634,636	Filing Date:	08/04/2003	Inv(s)	Rinerson et al.
Title:	A 2-Terminal Trapped Charge Memory Device with Voltage Switchable Multi-Level Resistance				

The following is being transmitted to the U.S. Patent Office:

Item	Description	# Pgs
1.	Part b -- Fee(s) Transmittal	1
2.	Credit Card Payment Form	1
3.		
4.		
5.		
6.		
7.		

This fax, including this cover letter and any accompanying documents, contains information from Unity Semiconductor Corporation and are for the sole use of the above named Individual or entity addressed, and may be privileged confidential and exempt from disclosure, under law. Any other dissemination, distribution, or copying of this communication is strictly prohibited. Please notify us immediately by telephone (408-737-7200) if you are not the intended recipient and return the original message to us at the above Address. We will reimburse your reasonable phone and postage expenses for doing so.

JAN-20-2006 10:29

UNITY SEMICONDUCTOR CORPO

14087378067

RECEIVED

\* Complete and send this form, together w.

. applicable fee(s), to: Mail

Mail Stop ISSU FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571) 273-2885

CENTRAL FAX CENTER

JAN 20 2006

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

42958

7590

10/24/2005

UNITY SEMICONDUCTOR CORPORATION  
250 NORTH WOLFE ROAD  
SUNNYVALE, CA 94085

01/23/2006 TL0222 00000003 10634636

01 FC:2501

02 FC:1504

700.00 OP

300.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSU FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Patty Tomeli

(Depositor's name)

Patty Tomeli

(Signature)

January 20, 2006

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,636	08/04/2003	Darrell Rinson	UNTYP020	7199

TITLE OF INVENTION: 2-TERMINAL TRAPPED CHARGE MEMORY DEVICE WITH VOLTAGE SWITCHABLE MULTI-LEVEL RESISTANCE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	01/24/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
MAL, SON LUU	2827	365-148000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Unity Semiconductor Corporation

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☐ Issue Fee☒ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date January 20, 2006

Typed or printed name Morgan Malino

Registration No. 41,177

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.